

Application No.: 10/594,774
Amendment Dated: December 14, 2011
Reply to Office Action of: September 14, 2011

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Remarks/Arguments:

Claim 1-6 and 9-18 are pending and rejected in the application. Claims 1 and 18 have been amended. Claims 6, 16 and 17 have been cancelled without prejudice or disclaimer of the subject matter therein. No new matter has been added. Accordingly, claims 1-5, 9-15 and 18 are presented for reconsideration

On page 2, the Office Action rejects claims 1-3 under 35 U.S.C. § 103(a) as being unpatentable over Schrader et al. (US 2002/0166123) in view of Nejime et al. (US 7,272,843) and further in view of Dureau (US 7,634,795).

On page 34, the Office Action rejects claim 18 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Dimitrova (US 2006/0041915) and further in view of Dureau (US 7,634,795).

It is respectfully submitted, however, that the claims are patentable over the art of record for at least the reasons set forth below.

Applicants' claim 1 includes features which are neither disclosed nor suggested by the art of record, namely:

... the mobile data terminal management unit manages information of the mobile data terminal and further, generates a metadata for a video operation menu including various operation commands for performing reproduction, replay reproduction, stop and so on corresponding to the mobile data terminal and transmits it to the mobile data terminal, and then realizes a video operation menu on the mobile data terminal;

the accumulated image processing unit outputs, when the mobile data terminal management unit receives an operation command according to the metadata for the video operation menu from the mobile data terminal, the restructured program content to the mobile data terminal or stops the outputting operation according to the operation command; ...

Claim 1 relates to an accumulation display device that manages information of a mobile terminal. Specifically, a management unit of the display device generates metadata that includes various operational commands for performing reproduction of video. The metadata (i.e., including the commands) are transmitted to a mobile terminal. The mobile terminal then utilizes the commands within the metadata to control the accumulation device for reproducing video. Support for this feature can be at least found on pages 30-33 of Applicants' specification and furthermore, shown in Fig. 2. No new matter has been added.

On page 4 of the Office Action, the Examiner cites paragraphs 38, 78, 98 and 101 of Schrader for suggesting a navigation display guide information which is displayed on a personal digital assistant (PDA). The "navigation display guide information" of Schrader, however, is different than the metadata as recited in applicants' claim 1.

Specifically, Schrader's navigation display guide information (see paragraphs 98 and 99) is information that informs a viewer of certain events related to television programs that are not currently being viewed. Essentially, Schrader's display guide is a conventional electronic programming guide (EPG) that allows a viewer to see upcoming programs.

In contrast, the metadata (as recited in Applicants' claim 1) includes various operation commands for performing video reproduction on the mobile terminal. Specifically, the metadata including the operation command is transmitted from the accumulation display device (i.e., device 1 as shown in Fig. 2) to the mobile terminals (i.e., terminal A and terminal B as shown in Fig. 2). When the mobile terminals receive the metadata, the operation commands may then be utilized to control the accumulation display device.

For example, the metadata may be utilized by mobile terminal A as shown in Fig. 2 to control the display device 1 to transmit video through the network (i.e., a command is sent from the mobile terminal to display device 1, and then display device 1 transmits video back to mobile terminal A for reproduction). Thus, the video

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reproduction on the mobile terminal is performed by using commands in the metadata.

Neither Nejime nor Dureau make up for the deficiencies of Schrader. Thus, independent claim 1 is patentable over the art of record.

Dependent claims 2-3 include all of the features of claim 1 from which they depend. Thus, these claims are also patentable over the art of record for at least the reasons set forth above.

Independent claim 18 includes similar features to those of independent claim 1. Dimitrova and Dureau also do not make up for the deficiencies of Schrader with respect to claim 18. Thus, independent claim 18 is also patentable over the art of record for at least the reasons set forth above.

On page 8, the Office Action rejects claim 4 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau and further in view of Shteyn (US 2002/0144007). Shteyn is relied upon for suggesting a request of mode information for special reproduction from a sub display device. Shteyn, however, does not make up for the deficiencies of Schrader, Nejime and Dureau with respect to claim 1 from which claim 4 depends. Thus, dependent claim 4 is also patentable over the art of record for at least the reasons set forth above.

On page 9, the Office Action rejects claim 5 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime, in view of Dureau, in view of Shteyn and further in view of Kinno et al. (US 2003/0154217). Kinno is relied upon for suggesting a sub display device managing unit that includes a terminal ID and performance of the mobile terminal. Kinno, however, does not make up for the deficiencies of Schrader, Nejime, Dureau and Shteyn with respect to claim 1 from which claim 5 depends. Thus, dependent claim 5 is also patentable over the art of record for at least the reasons set forth above.

On page 11, the Office Action rejects claim 6 under 35 U.S.C. § 103(a) as being unpatentable over Dimitrova in view of Schrader and further in view of Dureau. This rejection is moot in view of the cancellation of claim 6.

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On page 15, the Office Action rejects claim 9 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau and further in view of Kinno. As described above, Nejime, Dureau and Kinno do not make up for the deficiencies of Schrader with respect to claim 1 from which claim 9 depends. Thus, dependent claim 9 is also patentable over the art of record for at least the reasons set forth above.

On page 16, the Office Action rejects claim 10 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau in view of Shteyn in view of Kinno and further in view of Gardere et al. (US 6,678,332). Gardere is relied upon for suggesting trigger information that includes a program ID for identifying a program. Gardere, however, does not make up for the deficiencies of Schrader, Nejime, Dureau, Shteyn and Kinno with respect to claim 1 from which claim 10 depends. Thus, dependent claim 10 is also patentable over the art of record for at least the reasons set forth above.

On page 18, the Office Action rejects claim 11 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau in view of Shteyn in view of Kinno in view of Gardere and further in view of Zander (US 6,360,218). Zander is relied upon for suggesting a specified index ID for identifying specified index information. Zander, however, does not make up for the deficiencies of Schrader, Nejime, Dureau, Shteyn, Kinno and Gardere with respect to claim 1 from which claim 11 depends. Thus, dependent claim 11 is also patentable over the art of record for at least the reasons set forth above.

On page 21, the Office Action rejects claims 12 and 15 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau in view of Shteyn in view of Kinno in view of Gardere in view of Zander and further in view of Munetsugu (US 7,134,074). Munetsugu is relied upon for suggesting grading index information of weight of the meaning information according to a degree of importance. Munetsugu, however, does not make up for the deficiencies of Schrader, Nejime, Dureau, Shteyn, Kinno, Gardere and Zander with respect to claim 1 from which claims 12 and 15 depend. Thus, dependent claims 12 and 15 are also patentable over the art of record for at least the reasons set forth above.

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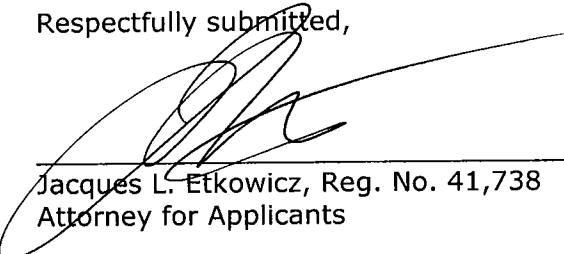
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On page 22, the Office Action rejects claims 13 and 14 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dureau in view of Munetsugu and further in view of Hoshino et al. (US 2004/0249861). Hoshino is relied upon for suggesting an accumulated image processing unit that superimposes information on the display. Hoshino, however, does not make up for the deficiencies of Schrader, Nejime, Dureau and Munetsugu with respect to claim 1 from which claims 13 and 14 depend. Thus, dependent claims 13 and 14 are also patentable over the art of record for at least the reasons set forth above.

On page 25, the Office Action rejects claims 16 and 17 under 35 U.S.C. § 103(a) as being unpatentable over Schrader in view of Nejime in view of Dimitrova and further in view of Dureau. The rejections to claims 16 and 17 are moot in view of their cancellation.

In view of the amendments and arguments set forth above, the above-identified application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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